

The Afghanistan Engineering Support Program assembled this quarterly report. It is an approved, official USAID document. Budget information contained herein is for illustrative purposes. All policy, personal, financial, and procurement sensitive information has been removed. Additional information on the report can be obtained from Firouz Rooyani, Tetra Tech Sr. VP International Operations, (703) 387-2151.



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ENGINEERING SUPPORT PROGRAM

Q3 QUARTERLY REPORT FY2010

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TETRA TECH

July 21, 2010

[REDACTED]
U.S. Agency for International Development
Café Compound
U.S. Embassy
Great Masood Road
Kabul, Afghanistan

Re: Contract No. EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program; Quarterly Report for Third Quarter FY 2010

Dear [REDACTED]

Per section C.5, "Deliverables", paragraph D of the above referenced contract, we are at this time submitting the Final Quarterly Progress Report for the Third Quarter Fiscal Year 2010 with OIEE concurrence. The report covers the period of April 1, 2010 through June 30, 2010.

Very truly yours,

[REDACTED]
Chief of Party, OIEE-AESP
Tetra Tech

AFGHANISTAN ENGINEERING SUPPORT PROGRAM Q3 QUARTERLY REPORT FY2010

July 21, 2010

DISCLAIMER

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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1.0 Executive Summary

This is the 3rd Quarterly Report submitted under Task Order EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program. The reporting period is for April 1, 2010 through June 30, 2010.

Table 1-1 Active Q3 Work Orders					
Work Order Type	Sector				
	Energy	Water/Sanitation and Water Resources	Transportation	Vertical Structures	Technical Support Services
Administrative Work Orders	3	7	2	11	2
Long Term Work Orders	1		2	6	
The value of new Long Term Work Orders plus the scope and budget extensions to the existing Long Term Work Orders total [REDACTED] initiated in Q3.					

The purpose of the contract is to provide technical assistance to the Office of Infrastructure, Engineering & Energy (OIEE), by providing a quick response from a Kabul based core of Expat architectural and engineering professionals. The Kabul-based Tetra Tech Team provides planning, design, technical support, and oversight support, while also contributing to capacity building, mentoring, and collaboration/coordination with appropriate stakeholders. The estimated period of performance for this contract is five years from a notice to proceed date of November 14, 2009.

Technical assignments and tasks are categorized as either administrative (WO-A) or long term (WO-LT) work orders. Administrative work orders (WO-A) are defined as those assignments taking less than or equal to 18 man days (144 man hours) and are most often performed by the core staff in Kabul. Long Term work orders (WO-LT) are defined as those tasks taking longer than 18 man days (144 man hours), and supported by the Home Office staff as a reach back assignment with Kabul core staff providing coordination and management.

Deliverables for the Contract include a Work Plan, Security Plan, Weekly Meeting Minutes, Quarterly Progress Reports, Performance Monitoring Plan (PMP), Annual Work Plan, Annual Project Report and Final Report.

In this reporting period, TetraTech concentrated on the expanding program needs through specific requests from USAID to add program staff members in the Transportation, Electrical, Mechanical, and Structural disciplines and specific work orders.

Our commitment to capacity development of Afghan staff individuals was supported by the hiring of four local nationals in Information Technology, Architecture and the Administration disciplines. The program is projected to expand in the 4th quarter to Afghan partner organizations that will assist in providing 28 Local National field personnel for the SPR Roads work order and build the technical architectural and engineering staff in the Kabul

office to nine. A notice to proceed for the Provisional Reconstruction Team (PRT) work order will additionally require a local national staff expansion of 12. PRT work in and with the local communities will identify and facilitate reconstruction and development in the provinces. This work is expected to begin early into the 4th quarter.

Tetra Tech also began our gender specific capacity building program where Tetra Tech's female engineering staff visited Kabul University and hosted a few meetings focused on mentoring fourth and fifth year students of the school of engineering. A subsequent field trip was held to view Ghazi Boys High School while under construction.

2.0 Program Staffing

The OIEE AESP Program added four key Expat staff members during the 3rd quarter focused on strengthening our discipline specific capabilities for expanding work order support and quality control. A TetraTech Airport Master Planner was deployed for a four week period to perform the Limited Airport Master Plan (LAMPS) under the ongoing Rehabilitation of Regional Airports project. In support of Tetra Tech’s capacity building program, four Local National support staff members were added in the areas of Information Technology, administration and Vertical Structures.

2.1 Expat Staffing

Employee Name	Position	Afghanistan Arrival	Afghanistan Departure
[REDACTED]	Chief of Party	11/20/09	4/23/09
[REDACTED]	Finance Manager	11/20/09	N/A
[REDACTED]	Vertical Structures Lead	12/6/09	5/27/10
[REDACTED]	Energy Lead	12/6/09	N/A
[REDACTED]	IT Specialist (STTA)	12/6/09	5/3/10
[REDACTED]	Contracts Manager	12/13/09	N/A
[REDACTED]	Chief of Party ⁽¹⁾	12/23/09	N/A
[REDACTED]	Junior Civil Engineer	12/23/09	N/A
[REDACTED]	Water/Wastewater Engineer ⁽²⁾	12/23/09	6/23/10
[REDACTED]	Water Resources Lead	2/17/10	N/A
[REDACTED]	Junior Civil/Structural Engineer	2/17/10	N/A
[REDACTED]	Geologist (STTA) ⁽³⁾	3/8/10	6/12/10
[REDACTED]	MIS Manager/Technical Writer	3/15/10	N/A
[REDACTED]	Vertical Structures Lead	6/14/10	N/A
[REDACTED]	Airport Planner (STTA) ⁽⁴⁾	6/14/10	N/A
[REDACTED]	Technical Support Manager ⁽⁵⁾	6/26/10	N/A
[REDACTED]	Water/Wastewater Lead	6/26/10	N/A

Notes:

- (1) Water/Wastewater Lead 12/23/09 and then transferred to the position of Chief of Party on 4/23/10 after [REDACTED] Departure
- (2) MIS Manager 12/23/09 and then transferred to the position of Water/Wastewater Engineer on 3/15/10 after [REDACTED] arrival
- (3) STTA position to support WO-LT-0002 (AUAF) and WO-LT-0004 (MoPH)
- (4) STTA position to support WO-LT-0008 (LAMPS)
- (5) LTTA position added to for support Technical Leads

2.2 Expat Staffing Challenges

[REDACTED], Chief of Party (COP), returned to the US in April for the initial R&R at the 6 month assignment milestone. He was unable to return to the project for medical reasons.

[REDACTED], Water/Wastewater Lead, served as COP through the end of the quarter.

[REDACTED] Water/Wastewater Lead, and [REDACTED] Technical Support Manager, were added to the base staff to augment program technical capabilities. A Mid-level Wastewater Engineer position was also added to provide technical engineering support for the Ghazi Boys High School and the Sardar Girls High School projects due to expanding project scope that began with the design of the Water, Sanitation and electrical systems for the building under construction and evolved into site design and oversight of the administration building being design by another USAID consultant.

The initial Vertical Structures Lead Architect was demobilized in the 3rd quarter. After Tetra Tech provided written notification and justification to USAID and after a short recruiting period, this position was filled by [REDACTED]. These actions facilitated an effective transition with the evolving [REDACTED] District and Regional Training Center work order being performed for the Democracy and Government (D&G) division of USAID. This work order was initially focused on permanent buildings for training civil servants and the construction of government offices in the provinces. Over the course of four months, the program changed from the design of four buildings [Training Center (TC), District Administration Center (DC), Rule of Law Courthouse (CH) and Government Administration Building (GB)] to the design of two prototypes, the Provincial Training Center and Regional Training Center. These challenges were overcome through collaboration with the USAID TPOC and the D&G staff and effectively balancing and scheduling local and home office reach back resources.

In early March, due to the expanding program needs, requests were received from the USAID COTR and ACOTR to add program staff members in the Transportation, Electrical, Mechanical, and Structural disciplines. In addition, a Technical Support Manager position was added to assist in overall work order coordination and implementation.

The Contract/Task Order approval process for adding these positions was not well defined and, therefore, took more time than expected. Through this experience USAID and TetraTech developed clear processes for the contract modifications required to implement these important changes. Modification (MOD) 6, which incorporated these additional positions, was approved on June 13, 2010. MOD 6 provided a realignment of the Level of Effort (LOE) man-day budgets by moving budgets from the later years into the early years of the program. This resulted in a MOD that did not require the addition of budget. MOD 7, which proposes further budget realignment to add local national and expat staff, has been presented to the Contracting Officer (CO) for approval and is expected to be approved in the 4th quarter. The COTR has also requested that Tetra Tech prepare a proposal for an additional MOD to reinstate budget for the later years in the program. This proposal will address the overall changes to the program scope, staffing additions, staff reorganization and request additional program funding. This proposal is expected to be presented to the CO in the 4th quarter.

2.3 Local National Staffing

Employee Name	Position	Start Date
[REDACTED]	Accountant	3/23/10
[REDACTED]	Internal Auditor	3/27/10
[REDACTED]	Government Liaison	12/2/09
[REDACTED]	Facilities Manager	3/20/10
[REDACTED]	Administrative Assistant	4/21/10
[REDACTED]	IT Manager	4/15/10
[REDACTED]	IT Assistant	4/20/10
[REDACTED]	Contracts Assistant/Buyer	3/22/10
[REDACTED]	Mid-Level Architect	4/5/10
[REDACTED]	Facilities Maintenance	3/20/10

In addition to the Local National Staff listed above, six LNs are employed for facilities maintenance and three cooking staff are employed.

2.4 Local National Staff Challenges

A LN Information Technology (IT) Manager and IT Assistant were added during the beginning of the 3rd quarter as the expat IT Specialist was demobilized. LN IT staff is now being supported by an IT reach back specialist and the local expat MIS Manager. One-on-one daily contact is occurring, supplemented by weekly management conference calls, to ensure IT functionality and operability remains at the highest levels.

3.0 Contract/Task Order Activities

3.1 Contract/Task Order Activities

May Activities:

May 2, 2002: USAID Contracting Officer issued an amendment to the COTR, [REDACTED], revising the Contract Administration authorities to include Approval for International Travel.

May 2, 2010: USAID issued grantee letter to TetraTech as a USAID contractor and applicable taxation provisions found in Section B.4 of the SOAG. This allowed Tetra Tech to advance the process of obtaining tax exemption status. (The tax exemption certificate was issued to Tetra Tech by the Department of Revenue on June 30, 2010 formalizing the administrative process)

May 4, 2010: USAID issued MOD 4. The purpose of the MOD was to incrementally fund the Task Order by [REDACTED] thereby increasing the total obligated amount from [REDACTED] to a new total obligated amount of [REDACTED]. The purpose for the MOD was to provide funding for additional Expat staff positions in the areas of Transportation, Mechanical, Electrical and Structural disciplines funding the project through fiscal year end 2010.

May 4, 2010: USAID inquired about Tetra Tech's ability to perform Program Management Services under the scope of the OIEE-AESP Task Order to support a pending Energy work order. It was determined that TetraTech can provide these services.

May 12, 2010: USAID issued MOD 5. The purpose of the MOD was to incrementally fund the Task Order by [REDACTED] thereby increasing the total obligated amount of [REDACTED] to a new obligated amount of [REDACTED]. This MOD was in support of the additional effort needed for the WOLT-0008 LAMPS work order.

June activities:

June 16, 2010: USAID issued MOD 6. The purpose of the MOD was to revise the Labor Categories and Work Days Ordered (LOE) of the Task Order. The total LOE ordered and the estimated cost remained unchanged as MOD 4 provided the funding for this LOE increase; however, contract dollars allocated over the five year Task Order duration were shifted to earlier years.

3.2 Contract/Task Order Deliverables

March 5, 2010	Foreign Service Leave Policy: USAID-OAA acknowledgement outstanding as of the date of this report
April 4, 2010	Final version of Performance Monitoring Plan (PMP) submitted
May 6, 2010	Final 2010 Q2 Quarterly Report Submitted

3.3 Contract/Task Order Issues

Foreign Service Leave Policy: The TetraTech Foreign Service Leave corporate and project policies were submitted to USAID-OAA in March 2010 addressing a number of iterative requests. To this date, TetraTech has not received acknowledgement or approval of the last re-submittal on May 10, 2010 due to no action.

Obligated Funds: MOD 6 and MOD 7 (4th quarter activity) have compressed the [REDACTED] projected contract expenditure into three years. A proposal for additional project funding is being prepared to address this burn rate and to reallocate the needed LOE and restoration of funds by discipline, labor category, and work days for the five year Task Order duration.

4.0 Work Orders

4.1 Sector Activities

4.1.1 Energy

Third quarter work in the Energy sector included continued efforts to supply large customers like high schools and ministries with commercial electric power service. Research for capacity, expansion and rehabilitating of the Afghan electrical transmission and distribution systems was conducted.

4.1.2 Vertical Structures

Tetra Tech's greatest effort in Vertical Structures was the completion of the 95% design of the prototype regional and provincial Afghanistan Civil Service Institute training facilities. 100% design is to follow in mid-July and August, respectively, with bidding and construction to follow. Several drawing reviews were also performed for the Kabul University Dining and Laundry Facilities and the AVIPA raisin processing plant. Working with USAID and the Department of State, structural design efforts for a prototype, multi-use communications tower also kicked off this quarter. These towers are to be used as platforms for the expansion of TV, Radio and Cellular Communications on Military bases in Southern Afghanistan. In addition, a draft copy of the Concept Design for the American University in Afghanistan (AUAF) campus was presented to USAID for review and comment.

4.1.3 Water and Sanitation

The primary focus for Water and Sanitation discipline were the Ghazi Boys High School and Sardar Girls School utility design and coordination with USAID, UNOPS and IRD. The final design of site utilities for GBHS included the water supply, storage, and distribution systems; the sewage collection, pumping, and treatment systems; and the grey water collection and irrigation pumping systems. Tetra Tech also coordinated final site grading plans to address site runoff around the school building. Design revisions were made to the project to include piping designs and materials that are locally available. Design drawings were also provided for the electrical controls for the various pumping and wastewater treatment systems.

4.1.4 Water Resources

Third quarter work in the Water Resources discipline primarily included providing technical support and document review to USAID/OIEE. Five dam projects that included mini-hydroelectric power plant project reviews, construction documents review, review of previous cost estimates by others, and the further development of additional project rehabilitation cost estimates. Tetra Tech also provided oversight, technical review, and evaluation on two hydro-geological survey projects. The first was with the Ministry of Mines for the proposed new Ministry of Public Health (MOPH) construction project and the second was where water supply wells had previously been installed for the existing American University of Afghanistan (AUAF) project.

4.1.5 Transportation

Work in the Transportation sector included a pavement design review of the Doshi to Salang Tunnel and airport planning and technical support under the LAMPs program. In addition, a notice to proceed was provided to begin the Strategic Provincial Roads (SPR) program. This effort will require significant additional staffing.

4.2 Progress

Third Quarter Work Order activity under this Task Order included work on 25 Administrative Work Orders and nine Long Term Work Orders for a total of 34 Work Orders. Following is the breakdown of number of Work Orders by sector:

- Energy: 3 Administrative Work Orders, 1 Long Term Work Order
- Water, Sanitation, and Water Resources: 7 Administrative Work Orders
- Transportation: 2 Administrative Work Orders, 2 Long Term Work Orders
- Vertical Structures: 11 Administrative Work Orders, 6 Long Term Work Orders (includes architecture, energy, and water and sanitation support)
- Technical Support Services: 2 Administrative Work Orders

Four new Long Term Work Orders were issued this quarter. The value of new Long Term Work Orders plus the scope and budget extensions to the existing Long Term Work Orders total ████████ initiated in the 3rd quarter. A summary of the progress of each Work Order is shown in Table 4-1. A complete listing of all the Work Orders issued under this Task Order can be found on the Work Order Status table included in Appendix A.

Table 4-1 3rd Quarter 2010 Active Work Order Summary Afghanistan Engineering Support Program IQC: Task Order 01 - EDH-I-00-08-00027-00 USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE) Reporting Thru June 30, 2010		
Work Order Number	Work Title	Summary of Work Completed Q3
WO-A: Administrative Work Orders⁽¹⁾		
WO-A-0015	MOT Electrical	Provided a review of the electrical requirements for the Ministry of Transportation building renovation and recommended electrical transformer sizing.
WO-A-0018	Dam #1 Review for Pul-e-Khumri	Visited both Pul-e-Khumri I and II Hydroelectric Dam facilities in Baghlan Province to perform facility inspections, review as-built drawings and previous reports prepared by others including USACE 2008 technical site reports, and prepare a combined summary report describing additional specific work items that the USACE did not fully address or consider in its individual reports.
WO-A-0019	Dam #2 Review for Pul-e-Khumri	See summary in WO-A-0019
WO-A-0020	SEPS Additional Work	Provided energy planning services to assist USAID in preparing a Scope of Work related to rehabilitating and expanding the South-East Power System (SEPS)
WO-A-0021	MoEW VTC Drawing Review	Conducted drawing review of the Ministry of Energy and Water Vocational Training Center
WO-A-0022	50 Bed Women Hosp Drawing Review	Conducted a drawing review of the IOM 50-Bed Women's Hospital
WO-A-0023	Data Collection for Afghan Contractors Capacity Building	Conducted an investigation of how Implementing Partners utilize Afghan Contractor and prepared a summary report.
WO-A-0025	Kajaki Dam	Visited the Kajaki Dam site in Helmand Province with USAID/OIEE, USACE, and Louis-Berger project personnel to perform a site reconnaissance and technical evaluation of the work previously completed at the dam site by others as well as to further assess the project for moving forward.
WO-A-0027	National Electric Distribution Work Unit Quantity Model	Provided a template to estimate the cost to install power distribution systems.
WO-A-0028	IOM 50BH Samangan Geotech Review	Conducted a review of the geotechnical report.
WO-A-0029	CHEF PTTC Drawing Review	Conducted a drawing review of the CHEF Provincial Teach Training Center
WO-A-0030	ISD-DGA Proposal Review	Provided a review of a proposal for funding for an Insulated Sandwich Panel manufacturing plant.
WO-A-0031	100 BH IQC Comparison ROM	Provided a Rough Order of Magnitude Cost Estimate (ROM) for a 100 Bed Hospital for USAID to use as a comparison for proposals.
WO-A-0032	Pul-e-Khumri Cost Estimate	Provided an updated installation and construction cost estimate for the Pul-e-Khumri Dams #1 and #2

WO-A-0033	MoPH Complex Structural Design Review	Conducted a design review of the concept structural drawings for the Ministry of Public Health.
WO-A-0034	Kajaki Dam SOW	Conducted a review and evaluation of the USAID/OIEE-prepared Kajaki Dam Contract Documents for project bidding purposes.
WO-A-0036	AUAF 3D Concept Design Presentations	Prepared a 3-dimensional computer animation of the Concept Plan for the American University of Afghanistan.
WO-A-0037	Doshi to Salang Tunnel Pavement Design Review	Reviewed and commented on the pavement design
WO-A-0038	Execution Plan for RC-East and Nangarhar Elec Power Distribution Program	Provided planning support to USAID on preparing the execution plan.
WO-A-0039	Kajaki Dam IGE	Continuing Work-in-Progress for preparing an Independent Government Estimate (IGE), in an Excel Spreadsheet format, for the Unit 2 turbine generator installation at the Kajaki Dam Hydroelectric Plant.
WO-A-0040	Power Point Presentation	Provided a presentation to USAID with tips on how to prepare and deliver an effective Power Point Presentation.
WO-A-0042	AVIPA Processing Plant Review	Conducted structural drawing reviews of the AVIPA Processing Plant and Sub-Offices.
WO-A-0043	Shahtoot and Sarobi II Dam Review	Continuing Work-in-Progress for reviewing and evaluating the feasibility studies previously prepared by others, and in particular, the associated cost-benefit relationships of each dam project.
WO-A-0044	Kabul University DFAC and Laundry 35% Design Review	Provided a review of the 35% design package.
WO-A-0045	Chagcharan Airport Site Visit	Airport planner and engineer completed a site visit to the Chagcharan Airport to observe the on-going site construction, to be followed up by preparing a trip report that shall summarize the trip observations.
<i>WO-LT: Long Term Work Orders⁽²⁾</i>		
WO-LT-0001	Regional and Provincial Training Centers Concept and Final Design	Prepared a concept design and 35% design for the training centers. Will submit the 100% design for the RTC in July and the PTC in August. Site investigations and final designs will be prepared for three sites.
WO-LT-0002	AUAF Concept Design	Prepared a Draft Concept Master Plan Design for the American University of Afghanistan
WO-LT-0004	MoPH Geotechnical and Test Well	Performed geotechnical and site survey work and prepared a geotechnical report, hydro geological report, and site survey.
WO-LT-0005	GBHS Utility Construction Documents	Finalized the design of the GBHS Site grading and utility drawings and specifications. Incorporated water and sewer piping materials that are locally available. Completed site grading and drainage plans.
WO-LT-0006	SGHS Utility Construction Documents	Coordinated with USAID and UNOPS to begin preparation of site grading, drainage, and utility plans. Began design of an elevated water storage tank to serve the school. Conducted site survey for base mapping purposes. Final design due mid-August 2010.
WO-LT-0007	QA Oversight SPR - Southern & Eastern Afghanistan	Preparing QA Manual and Training Program Outline in preparation to mobilize teams for QA Oversight of the Strategic Provincial Roads program in Southern and Eastern Afghanistan.

WO-LT-0008	LAMPs for Maimana & Faizabad Airport	Preparing the Limited Airport Master Plans for Faizabad and Maimana airports. A project kick-off meeting was held with USAID and a site visit was conducted to the first priority, Faizabad Airport. Maimana site visit to be conducted in July.
WO-LT-0012	PK to Chimtala Transmission Line	Providing technical evaluation related to the transmission capacity of the North East Power System (NEPS) between Pul-e-Khumri and Chimtala substations.
WO-LT-0013	Three Towers Project	Providing design and construction documents for three communications towers to be located on sites in southern Afghanistan. Preliminary site data collection visits were conducted in June 2010.

Notes ^(#):

- (1) Work Orders with anticipated level of effort of 18-mandays or less
- (2) Work Orders that are planned to equal more than 18-mandays

5.0 Fourth Quarter Initiatives

5.1 Existing Long Term Work Orders

Efforts continue on numerous long term work orders in the all four sectors.

5.1.1 Energy

Fourth quarter work in the Energy sector will include continued efforts to supply large customers like Ghazi Boys High School, Sardar Girls School and the MoPH project with commercial electric power service. Work will continue on the technical evaluation of the transmission capacity to provide the North East Power System (NEPS) between the Pul-e-Khumri and Chimtala substations (WOLT-0012).

5.1.2 Vertical Structures

WOLT-0001 work will continue with the completion of the design of the prototype regional and provincial Afghanistan Civil Service Institute training facilities. Specific site selection work on four sites throughout Afghanistan will begin with geotechnical and survey studies and associated construction to follow. Additional 65% and 100% drawing reviews will be performed for Kabul University Dining and Laundry Facilities and construction oversight for the dormitory currently under construction. Field investigations for the structural design of multi-use communications towers are scheduled for late July 2010 with concurrent prototype design. The Concept Design for the American University in Afghanistan (AUAF) campus will also be finalized and delivered to USAID and AUAF. An extension to the MoPH (WOLT-0004) work order will provide full time project management services through the remainder of the building design and site development process and provide multi-discipline construction design drawing reviews of plans prepared by others.

5.1.3 Water and Sanitation

The Ghazi Boys High School construction plans and specifications will be completed. The Sardar Girls School utility design and coordination with USAID, UNOPS and IRD will continue through the end of August 2010.

5.1.4 Water Resources

Fourth quarter work in Water Resources will include continued technical support and document review for three dam projects that include mini-hydroelectric power plant project reviews, construction document review, reviews of previous cost estimates by others, and the further development of additional project rehabilitation cost estimates.

5.1.5 Transportation

Work in the Transportation sector will ramp up with the start of the SPR program and the development of the Road Construction Inspection Manual for Afghan Roads. The manual will provide standard specifications and details from the design documents along with QA construction procedures and will be used for initial training of the twenty-eight 28 LN inspectors. Work on the LAMPs work order will continue with the reach back assistance for two reports.

5.2 Pending Work Orders

Workshop for Afghan Contractors Capacity Building (WO-A-0024): Under this administrative work order, it is anticipated that Tetra Tech will conduct a workshop to assist USAID Implementing Partners in subcontracting work to Afghan contractors.

Vertical Structures Best Practices Document Outline (WO-A-0035): The purpose of this administrative work order is to prepare an outline for a document that will help standardize USAID vertical structures design and construction standards and processes.

PRT Field Support (WO-LT-0009): This long term work order will require Tetra Tech to provide teams to perform monthly site visits to approximately fifteen southern Afghanistan PRTs. The teams will help USAID to identify potential CERP projects in the PRT regions.

Vocational Training Center (VTC) Green Design (WO-LT-0014): Under this long term work order, Tetra Tech is requested to prepare construction plans from already produced concept design plans for the VTC building. As part of the final design, Tetra Tech would focus on green/sustainable building design components.

Kabul University (WO-LT-0015): The scope of this long term work order will be to review both the 65% and 100% DFAC Construction Drawings as well as provide construction inspection services for the men's dormitory that is currently under construction.

Financial

Financial reporting for the 2nd Quarter indicated the obligated funding of \$8,491,359 was projected to be exhausted by the end of the third full week in June 2010. Third quarter contract MOD activity increased the obligated funding to [REDACTED] through a series of MODs. Three modifications; MOD 4, MOD 5 and MOD 6; addressed additional staffing requested by USAID, staffing and resource needs for WOLT-0008 (LAMPs), and revised the Labor Categories and Work Days Ordered (LOE) of the Task Order. MOD 7 was prepared and submitted on June 11, 2010. The purpose of Mod 7 is a realigned program budget resulting from the need for Tetra Tech to revise the LOE staffing plan which was previously submitted. The realignment was necessary for the new work orders requiring additional local staff and because of the increased need to utilize POWER Engineers for the commercial towers and for the Pul-e-Khumri Transmission Lines upgrade. Funds have been moved from the contract years 3 through 5 and into years 1 and 2.

A proposal has been requested to restore the funds for years 3 through 5 by discipline, labor category and work days.

5.3 Invoices, Projected Burn Rates, and Reach Back Usage

Table 8-1 AESP Expenditures and Burn Rate		
Cumulative Expenditures through March 31, 2010		[REDACTED]
AESP Q3 Estimated Invoices:		
	April 2010	[REDACTED]
	May 2010	[REDACTED]
	June 2010	[REDACTED]
	Total Q3 Expenditures	[REDACTED]
Cumulative Expenditures through June 30, 2010		[REDACTED]
Current Estimated Average Burn Rate per Month		[REDACTED]

Financials reported thru June 27, 2010.

5.4 Contract/Task Order Issues

Status of Obligated Funds: Based on the current billing and projected burn rate, the [REDACTED] in Obligated Funding will be exhausted in mid-June 2011. MOD 7 is expected to be approved during Quarter 4.

Reach Back Days: As of June 27, 2010, 1786 reach back man-days (14,290 hours) of the budgeted 2000 man-days that are projected to be approved with MOD 7 have been used. Therefore, 89.3% of the budgeted days for year 1 will have been used. Additional home office support budget will be requested based upon actual work load to date.

Appendix A

WORK ORDER STATUS
 Afghanistan Engineering Support Program
 IQC: Task Order 01 - EDH-I-00-08-00027-00
 USAID Technical Office: USAID/Office of Infrastructure, Engineering, and Energy (OIEE)
 Reporting Thru June 27, 2010

Energy
Water Resources
Vertical Structures
Transportation
Water and Sanitation
Multi-Disciplinary

Work Order Number	Program Type ⁽³⁾	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁶⁾	Reach Back Cost to Date ⁽⁶⁾	Total Cost to Date ⁽⁶⁾
<i>WO-A: Administrative Work Orders⁽¹⁾</i>							
WO-A-0001	W/S	Review Kabul Water Study	Complete	NA	█	█	█
WO-A-0001A	W/S	Review of Kabul Water MTP-1 Bid Docs	Complete	NA	█	█	█
WO-A-0002	VS, E, & W/S	Review of AUAF Master Plan Infrastructure	Complete	NA	█	█	█
WO-A-0002A	VS, E, & W/S	AUAF Master Plan Rev & SOW/ROM	Complete	NA	█	█	█
WO-A-0003	W/S	GBHS Sanitation	Complete	NA	█	█	█
WO-A-0004	E	GBHS Electrical	Complete	NA	█	█	█
WO-A-0005	W/S	GBHS Water Supply	Complete	NA	█	█	█
WO-A-0006	W/S	Sardar GHS Sanitation	Complete	NA	█	█	█
WO-A-0007	E	Sardar GHS Electrical	Complete	NA	█	█	█
WO-A-0008	W/S	Sardar GHS Water Supply	Complete	NA	█	█	█
WO-A-0009	E	Integration of Nangarhar into NEPS	Complete	NA	█	█	█
WO-A-0010	PA	Review of BS-25 Draft Position	Complete	NA	█	█	█
WO-A-0011	E	HFO Feasibility for Tarakhil Power Plant	Complete	NA	█	█	█
WO-A-0012	PA	Position Advertisements	Complete	NA	█	█	█
WO-A-0013	E	Third Party MEP Review of IOM 20 Bed Hospital	Complete	NA	█	█	█
WO-A-0014	PA	Construction Equipment Costs	Complete	NA	█	█	█
WO-A-0015	E	MOT Electrical	Complete	NA	█	█	█
WO-A-0016	VS	AUAF Board of Trustees Support	Complete	NA	█	█	█
WO-A-0017	VS	Faculty of Education	Complete	NA	█	█	█
WO-A-0018	WR	Dam #1 Review for Pul-e-Khumri	Completed	NA	█	█	█
WO-A-0019	WR	Dam #2 Review for Pul-e-Khumri	Completed	NA	█	█	█
WO-A-0020	E	SEPS Additional Work	Complete	NA	█	█	█
WO-A-0021	VS	MoEW VTC Rehab Drawing Review	Complete	NA	█	█	█
WO-A-0022	VS	50 Bed Wmn Hosp Drawing Review	Complete	NA	█	█	█
WO-A-0023	CA	Data Collection for Afghan Contractors Capacity Building	Open	NA	█	█	█
WO-A-0025	WR	Kajaki Dam	Complete	NA	█	█	█
WO-A-0027	E	National Electric Distribution Work Unit Quantity Model	Open	NA	█	█	█
WO-A-0037	T	Doshi to Salang Tunnel Pavement Design Review	Open	NA	█	█	█
WO-A-0028	VS	IOM 50 BH Samangan Geotech Review	Complete	NA	█	█	█
WO-A-0029	VS	CHEF PTTC Drawing Review	Complete	NA	█	█	█
WO-A-0030	VS	ISD-DGA Proposal Review	Complete	NA	█	█	█
WO-A-0031	VS	100 BH IQC Comparison ROM	Complete	NA	█	█	█

Work Order Number	Program Type ⁽³⁾	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁶⁾	Reach Back Cost to Date ⁽⁶⁾	Total Cost to Date ⁽⁶⁾
WO-A-0032	WR	Pul-e-Khumri Cost Estimate	Complete	NA	█	█	█
WO-A-0033	VS	MoPH Complex Structural Design Review	Complete	NA	█	█	█
WO-A-0034	WR	Kajaki Dam SOW	Complete	NA	█	█	█
WO-A-0036	VS	AUAF 3D CDR Presentations	Complete	NA	█	█	█
WO-A-0038	E	Execution Plan for RC-East and Nangarhar Elec Power Distribution Program	Open	NA	█	█	█
WO-A-0039	WR	Kajaki Dam IGE	Open	NA	█	█	█
WO-A-0040	Tech Support	Power Point Presentation	Complete	NA	█	█	█
WO-A-0041	VS	AVIPA Reason Drying Bed Review	Cancelled	NA	█	█	█
WO-A-0042	VS	AVIPA Processing Plant Review	Open	NA	█	█	█
WO-A-0043	WR	Shahtoot and Sarobi II Dam Review	Open	NA	█	█	█
WO-A-0044	VS, E, & W/S	Kabul University DFAC and Laundry 35% Design Review	Complete	NA	█	█	█
<i>WO-LT: Long Term Work Orders⁽²⁾</i>							
WO-LT-0001	VS	Regional and Provincial Training Centers Concept and Final Design	Open	█	█	█	█
WO-LT-0002	VS, E, & W/S	AUAF Concept Design	Open	█	█	█	█
WO-LT-0003	VS	Prototype Garage 100% Design	Cancelled	█	█	█	█
WO-LT-0004	W/S, E	MoPH Geotechnical and Test Well	Open	█	█	█	█
WO-LT-0005	W/S, E	GBHS Utility Construction Documents	Open	█	█	█	█
WO-LT-0006	W/S, E	SGHS Utility Construction Documents	Open	█	█	█	█
WO-LT-0007	T	QA Oversight SPR - Southern & Eastern Afghanistan	Open	█	█	█	█
WO-LT-0008	T	LAMPs for Maimana & Faizabad Airport	Open	█	█	█	█
WO-LT-0010	VS	MOPH Drawings Review	Cancelled	█	█	█	█
WO-LT-0011	E	Tarakhil Start-Up Inspection	Cancelled	█	█	█	█
WO-LT-0012	E	PK to Chimtala Transmission Line	Open	█	█	█	█
WO-LT-0013	VS	Three Towers Project	Open	█	█	█	█
WO-LT-00xx	W/S	Bio Sand Filter	Cancelled	█	█	█	█
WO-LT-00xx	T	Herat-Chaghcharan Road Illustrative Task Order	Cancelled	█	█	█	█
WO-LT-00xx	VS	AEIC Building Construction Drawings	Cancelled	█	█	█	█

Notes^(#):

- (1) Work Orders with anticipated level of effort of 18-mandays or less
- (2) Work Orders that are planned to equal more than 18-mandays
- (3) Program Type: Professional Activity (PA), Contracts Assistance (CA), Energy (E), Transportation (T), Vertical Structures (VS), Water/Sanitation (W/S) or Water Resources (W/R)
- (4) Status: Pending Approval, Open, or Complete
- (5) Assigned with █ knowledge
- (6) Labor, expenses, OH, GA, and fee. Does not include Power Engineering costs.

Work Order Status

Project Issues Summary		Key			
	R	●	Issue requires direction or is behind schedule.		
Afghanistan Engineering Support Program (AESP)	Y	●	Issue is proceeding but clarification or direction is required for completion.		
UPDATED: 5 July 2010	G	●	Issue is proceeding and is expected to be completed on schedule.		
Issue			Status		Action Required
CONTRACT PLANS					
Annual Work Plan	G	●	Final Work Plan submitted 3/14/2010		Year 2 Work Plan due August 2010
PMP (Performance Monitoring Plan)	G	●	Final PMP submitted 4/3/2010		
Quarterly Progress Reports	R	●	Final FY2010 Q2 Report submitted 5/5/10		Next Quarterly Report due 7/10/10
Annual Report for Each FY (by Quarter)	G	●	Due November 2010		
Quarterly Afghan Info Report	G	●	3rd Quarter Submitted 7/1/10		Next report due 10/1/10
R&R Policy	R	●	TT submitted to CO 3/9/10 and resubmitted to COTR 5/3/10 due to no action.		OIEE/OAA response pending
Financial					
Status of Obligated Funds and Budget Approval	G	●	MOD 6 and LOE chart for █████ (total incremental funding █████) approved 6/13/10. TT submitted MOD 7 (budget realignment #2) on 6/11/10.		COTR/OAA Approval of MOD 7
Monthly Contract Expenditure Status	G	●	Current expenditures even with plan.		TT to present at the beginning of each month.
Contract Expenditure by Category	Y	●	TT presented a draft on 6/22/10.		TT finalize per comments from 6/22/10 meeting with COTR.
Quarterly Billing and Burn Rate	G	●	TT provided update on 6/15/10.		
WO tracking costs	G	●	WO Costs through 6/27/10 provided on tracking sheet.		
1420s & Staffing Approval					
1420 Approvals for Tetra Tech Employees	R	●	Updated 1420 Status List submitted to OIEE 7/05/10.		OIEE action required on 17.
1420 Approvals for Power, Seimens, and NESC	R	●	Updated 1420 Status List submitted to OIEE 7/05/10.		OIEE action required on 13.
Base Contract Staff					
Expat Water and Sanitation Key Personnel	R	●	6/9/10 TT submitted 1420 and CV approval request. █████ arrived 6/26/10		OAA approval of T-0031 and T-0036 (1420 and deployment approval)
Expat Civil/Structural Engineer	R	●	Civil Engineer approved on MOD 6. Anticipated arrival in August		COTR/OAA Approval needed of T-0031(1420 approval)
Expat Mechanical Engineer	G	●	Mechanical Engineer approved on MOD 6		TT to submit 1420 and CV
Expat Electrical Engineer	G	●	Electrical Engineer approved on MOD 6		TT to submit 1420 and CV
Expat Technical Support Manager	R	●	Technical Support Manager approved on MOD 6 and arrived 6/26/10.		OIEE Approval of T-0035 and T-0038 (deployment and salary)
Pending Work Orders and Misc Work Order Items					
WO-LT-0013 Three Towers CAC Cards	R	●	TT is requesting CAC Cards for the employees traveling to the Three Towers project sites.		COTR Approval
USAID Requesting 2-3 Power engineers to work with MEW for 1-year	Y	●	4/12/10 TT confirmed ability to provide supply and requested 45 days notice to deploy.		USAID will confirm the need, timing, and required qualifications and then prepare a request.
Success Stories (Periodic)	Y	●	USAID would like to see one per week on completed work orders.		USAID to provide comment to HFO story (draft submitted 5/18/10). TT to prepare story that lumps the drawing review work orders and also story on NEPS. TT also preparing story regarding mentoring at Kabul University.

Project Issues Summary

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